

Serial No. 10/622,857

PATENT
Atty Docket No.: 61816-00010**Amendments to the Claims**

This Listing of Claims replaces all prior versions, and listings, of claims in this application.

1-50 (Cancelled).

51. (Previously Presented) A method of forming a product, comprising:
providing a tip-and-die assembly having a tip, a die, first injector and a second injector, wherein the tip-and-die assembly is a pressure-die assembly;
introducing a first non-molten material into the first injector;
introducing a second non-molten material into the second injector;
melting the first non-molten material into a first molten material inside the first injector;
melting the second non-molten material into a second molten material inside the second injector;
injecting the first molten material out of the first injector around the tip;
injecting the second molten material out of the second injector around the tip;
discharging the first molten material from the tip through the die; and
discharging the second molten material from the tip through the die.

52. (Previously Presented) A method according to claim 51 wherein the first and second injectors are reciprocating-screw type injectors.

53-62 (Cancelled).

63. (Previously Presented) A method of forming a product, comprising:
providing a tip-and-die assembly having a housing, a tip disposed in the housing, a die disposed in the housing, a first injector and a second injector;
utilizing the first injector to inject a first material around the tip;
utilizing the second injector to inject a second material around the tip;
discharging the first and second material from the tip through the die; and
providing a diverting channel disposed in the housing, wherein the diverting channel selectively diverts material flowing between the tip and the die.

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64. (Previously Presented) A method according to claim 63 wherein one of the housing or tip revolves relatively around the other.

65. (Previously Presented) A product forming method, comprising:
a tip-and-die assembly having a tip, a die, a first injector and a second injector;
the first injector being to inject a first material around the tip;
the second injector being to inject a second material around the tip; and
means for mixing the first flowable material and the second flowable material to form a mixed material; and
means for discharging the mixed material from the tip out through the die to form a product.

66. (Previously Presented) A method of forming a product, comprising:
providing a tip-and-die assembly having a tip, a die, a first injector, a second injector and a re-routing channel;
utilizing the first injector to push a first material around the tip and towards the die;
utilizing the second injector to push a second material around the tip and towards the die; and
re-routing part of the flowable material through the re-routing channel and thereby away from the die.

67. (Previously Presented) A method according to claim 66 wherein the first and second materials are different materials.

68. (Previously Presented) A method according to claim 66 wherein the first and second materials are different grades of the same material.

69. (Currently Amended) A product forming method, comprising:
providing a tip-and-die assembly having a tip, a die, a first injector and a second injector;
utilizing the first injector to inject a first material around the tip;
utilizing the second injector to inject a second material around the tip;

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mixing the first flowable material and the second flowable material to form a mixed material; and

discharging the mixed material from the tip out through the die to form a product[; and

forming the product into a product, such product being selected to be at least one of a medical product, an electrical cable, hose pipe, compression fitting, heat shrinkable tube, artificial turf, fabric, or shoe lace]].

70. (Currently Amended) A method of forming a product, comprising:

providing a tip-and-die assembly having a tip, a die, a first injector, a second injector and a re-routing channel;

utilizing the first injector to push a first material around the tip and towards the die;

utilizing the second injector to push a second material around the tip and towards the die; and

re-routing part of the flowable material through the re-routing channel and thereby away from the die to form at least in part a product[; and

forming the product into a product, such product being selected to be at least one of a medical product, an electrical cable, hose pipe, compression fitting, heat shrinkable tube, artificial turf, fabric, or shoe lace]].

71. (Previously Presented) A method according to claim 70 wherein the first and second materials are different materials.

72. (Previously Presented) A method according to claim 70 wherein the first and second materials are different grades of the same material.

73. (New) A method according to claim 69 wherein the product defines a first product, and further comprising forming the first product into a second product.

74. (New) A method according to claim 73 wherein the second product is a medical product.

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75. (New) A method according to claim 73 wherein the second product is selected from the group of electrical cable, hose pipe, compression fitting, heat shrinkable tube, artificial turf fabric, and shoe lace.

76. (New) A method according to claim 70 wherein the product defines a first product, and further comprising forming the first product into a second product.

77. (New) A method according to claim 76 wherein the second product is a medical product.

78. (New) A method according to claim 76 wherein the second product is selected from the group of electrical cable, hose pipe, compression fitting, heat shrinkable tube, artificial turf fabric, and shoe lace.